TISBURY
Cancer Incidence by Sex, 1993 - 1997
Expected and Observed Case Counts, with Standardized Incidence Ratios

|                       | Exp           | <u>Obs</u>       | <u>SIR</u>             |                         | Exp   | <u>Obs</u> | SIR    |  |
|-----------------------|---------------|------------------|------------------------|-------------------------|-------|------------|--------|--|
| Bladder, Urina        | <u>ry</u>     | Melanoma of Skin |                        |                         |       |            |        |  |
| Male                  | 2.46          | 1                | NC*                    | Male                    | 1.36  | 5          | 367 #+ |  |
| Female                | 1.17          | 0                | NC*                    | Female                  | 1.21  | 3          | NC*    |  |
| Total                 | 3.63          | 1                | NC*                    | Total                   | 2.57  | 8          | 311 #+ |  |
| <b>Brain and Othe</b> | er Central No | ervous Syst      | <u>tem</u>             | Multiple Myeloma        |       |            |        |  |
| Male                  | 0.72          | 1                | NC*                    | Male                    | 0.45  | 1          | NC*    |  |
| Female                | 0.73          | 1                | NC*                    | Female                  | 0.51  | 0          | NC*    |  |
| Total                 | 1.45          | 2                | NC*                    | Total                   | 0.96  | 1          | NC*    |  |
| <b>Breast</b>         |               |                  | Non-Hodgkin's Lymphoma |                         |       |            |        |  |
| Male                  | 0.16          | 0                | NC*                    | Male                    | 1.82  | 3          | NC*    |  |
| Female                | 16.07         | 26               | 162 #+                 | Female                  | 2.02  | 2          | NC*    |  |
| Total                 | 16.23         | 26               | 160 #+                 | Total                   | 3.84  | 5          | 130    |  |
| Cervix Uteri          |               |                  |                        | Oral Cavity and Pharynx |       |            |        |  |
|                       |               |                  |                        | Male                    | 1.50  | 0          | NC*    |  |
| Female                | 0.90          | 1                | NC*                    | Female                  | 0.88  | 1          | NC*    |  |
|                       |               |                  |                        | Total                   | 2.38  | 1          | NC*    |  |
| Colon / Rectum        | <u>1</u>      |                  | <b>Ovary</b>           |                         |       |            |        |  |
| Male                  | 6.19          | 6                | 97                     |                         |       |            |        |  |
| Female                | 7.59          | 3                | NC*                    | Female                  | 1.89  | 5          | 265    |  |
| Total                 | 13.77         | 9                | 65                     |                         |       |            |        |  |
| <b>Esophagus</b>      |               |                  |                        | <b>Pancreas</b>         |       |            |        |  |
| Male                  | 0.86          | 0                | NC*                    | Male                    | 0.92  | 1          | NC*    |  |
| Female                | 0.39          | 0                | NC*                    | Female                  | 1.23  | 2          | NC*    |  |
| Total                 | 1.26          | 0                | NC*                    | Total                   | 2.15  | 3          | NC*    |  |
| <b>Hodgkin's Dise</b> | ease          |                  |                        | <b>Prostate</b>         |       |            |        |  |
| Male                  | 0.32          | 2                | NC*                    | Male                    | 14.96 | 19         | 127    |  |
| Female                | 0.27          | 0                | NC*                    |                         |       |            |        |  |
| Total                 | 0.59          | 2                | NC*                    |                         |       |            |        |  |
| Kidney and Re         | nal Pelvis    |                  |                        | <b>Stomach</b>          |       |            |        |  |
| Male                  | 1.35          | 0                | NC*                    | Male                    | 1.05  | 0          | NC*    |  |
| Female                | 0.97          | 0                | NC*                    | Female                  | 0.82  | 0          | NC*    |  |
| Total                 | 2.33          | 0                | NC*                    | Total                   | 1.86  | 0          | NC*    |  |
| <u>Larynx</u>         |               |                  |                        | <b>Testis</b>           |       |            |        |  |
| Male                  | 0.82          | 0                | NC*                    | Male                    | 0.42  | 1          | NC*    |  |

| Female                            | 0.26  | 1  | NC*               |                                      |        |     |     |
|-----------------------------------|-------|----|-------------------|--------------------------------------|--------|-----|-----|
| Total                             | 1.09  | 1  | NC*               |                                      |        |     |     |
| Leukemia                          |       |    |                   | <b>Thyroid</b>                       |        |     |     |
| Male                              | 0.99  | 3  | NC*               | Male                                 | 0.25   | 0   | NC* |
| Female                            | 0.90  | 0  | NC*               | Female                               | 0.70   | 0   | NC* |
| Total                             | 1.90  | 3  | NC*               | Total                                | 0.95   | 0   | NC* |
| Liver and Intrahepatic Bile Ducts |       |    |                   | <b>Uteri, Corpus and Uterus, NOS</b> |        |     |     |
| Male                              | 0.47  | 1  | NC*               |                                      |        |     |     |
| Female                            | 0.25  | 0  | NC*               | Female                               | 3.13   | 3   | NC* |
| Total                             | 0.72  | 1  | NC*               |                                      |        |     |     |
| <b>Lung and Broa</b>              | nchus |    | All Sites / Types |                                      |        |     |     |
| Male                              | 7.76  | 7  | 90                | Male                                 | 48.06  | 54  | 112 |
| Female                            | 6.94  | 9  | 130               | Female                               | 52.89  | 62  | 117 |
| Total                             | 14.70 | 16 | 109               | Total                                | 100.95 | 116 | 115 |
|                                   |       |    |                   |                                      |        |     |     |

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

<sup>\* =</sup> SIR and statistical significance not calculated when Obs < 5

<sup>+</sup> indicates number of observed cases is statistically significantly higher than the expected number of cases

<sup>-</sup> indicates number of observed cases is statistically significantly lower than the expected number of cases

<sup>#</sup> indicates statistical significance at the  $\mathbf{p} \le 0.05$  level

<sup>~</sup> indicates statistical significance at the  $\mathbf{p} \le 0.01$  level, as well as at the  $\mathbf{p} \le 0.05$  level

<sup>^</sup> indicates statistical significance at the  $\mathbf{p} \le 0.001$  level, as well as at the  $\mathbf{p} \le 0.05$  and  $\mathbf{p} \le 0.01$  levels